

Author index

- Abruña, H., see Tatini, R. 193
Achenbach, J.C.
—, Nutiu, R. and Li, Y.
Structure-switching allosteric deoxyribozymes 41
Amini, M.K., see Salimi, A. 335
Anderson, G.P., see Goldman, E.R. 63
Apak, R., see Üzer, A. 307
Araki, J., see Yoshida, H. 177
- Baghdadi, M., see Shemirani, F. 163
Bartolomé, L., see Cortazar, E. 247
Bendicho, C., see Huerga, A. 121
Bernhard, S., see Tatini, R. 193
Beucher, C., see Corvaisier, R. 149
Bi, L.
—, Shen, Y., Jiang, J., Wang, E. and Dong, S.
Electrochemical behavior and assembly of tetranuclear Dawson-derived sandwich compound $[\text{Cd}_4(\text{H}_2\text{O})_2(\text{As}_2\text{W}_{15}\text{O}_{36})_2]^{16-}$ on 4-aminobenzoic acid modified glassy carbon electrode 343
Bocarsly, A., see Wang, E. 301
Boutillier, K.
—, Ross, M., Podtelejnikov, A.V., Orsi, C., Taylor, R., Taylor, P. and Figeys, D.
Comparison of different search engines using validated MS/MS test datasets 11
Burkhardt, M.R.
—, ReVello, R.C., Smith, S.G. and Zaugg, S.D.
Pressurized liquid extraction using water/isopropanol coupled with solid-phase extraction cleanup for industrial and anthropogenic waste-indicator compounds in sediment 89
- Cai, P., see Liang, R. 223
Campins-Falcó, P., see Moliner-Martínez, Y. 327
Chang, X.-L.
—, Chen, H.-B., Zhao, X.-Z., Gao, Z.-H., Xu, H.-B. and Yang, X.-L.
High-performance liquid chromatography determination of triptolide in vitro permeation studies 215
Chen, B., see García, J.B. 255
Chen, H.-B., see Chang, X.-L. 215
Chen, H.-Y., see Lee, J.-A. 185
Chen, S.-M., see Lee, J.-A. 185
Chow, K.-F., see Wang, E. 301
Collier, T.O., see Staggemeier, B.A. 79
Cortazar, E.
—, Bartolomé, L., Delgado, A., Etxebarría, N., Fernández, L.A., Usobiaga, A. and Zuloaga, O.
Optimisation of microwave-assisted extraction for the determination of nonylphenols and phthalate esters in sediment samples and comparison with pressurised solvent extraction 247
Corvaisier, R.
—, Tréguer, P., Beucher, C. and Elskens, M.
Determination of the rate of production and dissolution of biosilica in marine waters by thermal ionisation mass spectrometry 149
Costa-García, A., see Fanjul-Bolado, P. 231
- Daeseleire, E., see Huet, A.-C. 157
Dahlin, J., see Karlsson, D. 263
Dalene, M., see Karlsson, D. 263
Delahaut, P., see Huet, A.-C. 157
Delgado, A., see Cortazar, E. 247
Dong, S., see Bi, L. 343
- El-Shahawi, M.S.
—, Hassan, S.S.M., Othman, A.M., Zyada, M.A. and El-Sonbati, M.A.
Chemical speciation of chromium(III,VI) employing extractive spectrophotometry and tetraphenylarsonium chloride or tetraphenylphosphonium bromide as ion-pair reagent 319
El-Sonbati, M.A., see El-Shahawi, M.S. 319
Elliott, C., see Huet, A.-C. 157
Elskens, M., see Corvaisier, R. 149
Erçağ, E., see Üzer, A. 307
Erdem, A., see Yersel, M. 293
Eroğlu, A.E., see Yersel, M. 293
Etxebarria, N., see Cortazar, E. 247
Evanics, F.
— and Prosser, R.S.
Discriminating binding and positioning of amphiphiles to lipid bilayers by ^1H NMR 21
- Fanjul-Bolado, P.
—, González-García, M.B. and Costa-García, A.
Detection of leucoindigo in alkaline phosphatase and peroxidase based assays using 3-indoxyl phosphate as substrate 231
Fernández, L.A., see Cortazar, E. 247
Figeys, D., see Boutillier, K. 11
Fodey, T., see Huet, A.-C. 157
Fukushima, T., see Lee, J.-A. 185
- Gao, Z.-H., see Chang, X.-L. 215
García, J.B.
—, Krachler, M., Chen, B. and Shatyk, W.
Improved determination of selenium in plant and peat samples using hydride generation-atomic fluorescence spectrometry (HG-AFS) 255
Gee, S.J., see Mak, S.K. 109
Georgiou, G., see Goldman, E.R. 63
Goel, A., see Sharma, R.K. 137
Goldman, E.R.
—, Medintz, I.L., Hayhurst, A., Anderson, G.P., Mauro, J.M., Iverson, B.L., Georgiou, G. and Mattoussi, H.
Self-assembled luminescent CdSe–ZnS quantum dot bioconjugates prepared using engineered poly-histidine terminated proteins 63

- González-García, M.B., see Fanjul-Bolado, P. 231
- Good, T.A., see Simonian, A.L. 69
- Grahek, Š.
— and Rožmarić Mačefat, M.
Determination of radioactive strontium in seawater 271
- Guo, H.
—, Li, Y., Xiao, P. and He, N.
Determination of trace amount of bismuth(III) by adsorptive anodic stripping voltammetry at carbon paste electrode 143
- Hallaj, R., see Salimi, A. 335
- Hammock, B.D., see Mak, S.K. 109
- Hassan, S.S.M., see El-Shahawi, M.S. 319
- Hayhurst, A., see Goldman, E.R. 63
- He, N., see Guo, H. 143
- Herráez-Hernández, R., see Moliner-Martínez, Y. 327
- Hirose, S., see Yoshida, H. 177
- Huang, T.-H., see Wang, S.-P. 207
- Huerga, A.
—, Lavilla, I. and Bendicho, C.
Speciation of the immediately mobilisable As(III), As(V), MMA and DMA in river sediments by high performance liquid chromatography-hydrate generation-atomic fluorescence spectrometry following ultrasonic extraction 121
- Huet, A.-C.
—, Mortier, L., Daeseleire, E., Fodey, T., Elliott, C. and Delahaut, P.
Development of an ELISA screening test for nitroimidazoles in egg and chicken muscle 157
- Imai, K., see Lee, J.-A. 185
- Ishida, J., see Yoshida, H. 177
- Iverson, B.L., see Goldman, E.R. 63
- Jamali, M.R., see Shemirani, F. 163
- Jiang, J., see Bi, L. 343
- Jiao, C.-j., see Yan, Z.-y. 199
- Karlsson, D.
—, Dahlin, J., Marand, Å., Skarping, G. and Dalene, M.
Determination of airborne isocyanates as di-*n*-butylamine derivatives using liquid chromatography and tandem mass spectrometry 263
- Kotoris, C.C., see Piunno, P.A.E. 53
- Krachler, M., see García, J.B. 255
- Krull, U.J., see Piunno, P.A.E. 53
- Krull, U.J.
—
Editorial 1
- Lavilla, I., see Huerga, A. 121
- Lee, H.-J., see Mak, S.K. 109
- Lee, J.-A.
—, Tsai, Y.-C., Chen, H.-Y., Wang, C.-C., Chen, S.-M., Fukushima, T. and Imai, K.
Fluorimetric determination of D-lactate in urine of normal and diabetic rats by column-switching high-performance liquid chromatography 185
- Legin, A.
—, Rudnitskaya, A., Seleznev, B. and Vlasov, Y.
Electronic tongue for quality assessment of ethanol, vodka and eau-de-vie 129
- Li, F.m., see Yan, Z.-y. 199
- Li, L., see McDonald, C. 3
- Li, Y., see Achenbach, J.C. 41
- Li, Y., see Guo, H. 143
- Li, Z.x., see Yan, Z.-y. 199
- Liang, R.
—, Qiu, J. and Cai, P.
A novel amperometric immunosensor based on three-dimensional sol-gel network and nanoparticle self-assemble technique 223
- Liang, Y.m., see Yan, Z.-y. 199
- Macanás, J.
— and Muñoz, M.
Mass transfer determining parameter in facilitated transport through di-(2-ethylhexyl) dithiophosphoric acid activated composite membranes 101
- Mahony, J.O.
—, Nolan, K., Smyth, M.R. and Mizaikoff, B.
Molecularly imprinted polymers—potential and challenges in analytical chemistry 31
- Mak, S.K.
—, Shan, G., Lee, H.-J., Watanabe, T., Stoutamire, D.W., Gee, S.J. and Hammock, B.D.
Development of a class selective immunoassay for the type II pyrethroid insecticides 109
- Mann, J., see Wang, E. 301
- Marand, Å., see Karlsson, D. 263
- Mattoussi, H., see Goldman, E.R. 63
- Mauro, J.M., see Goldman, E.R. 63
- McDonald, C.
— and Li, L.
Limited proteolysis combined with isotope labeling and quantitative LC-MALDI MS for monitoring protein conformational changes: a study on calcium-binding sites of cardiac Troponin C 3
- Medintz, I.L., see Goldman, E.R. 63
- Mizaikoff, B., see Mahony, J.O. 31
- Mogopodi, D.
— and Torto, N.
Maximising metal ions flux across a microdialysis membrane by incorporating poly-L-aspartic acid, poly-L-histidine, 8-hydroxyquinoline and ethylenediaminetetraacetic acid in the perfusion liquid 239
- Moliner-Martínez, Y.
—, Herráez-Hernández, R. and Campíns-Falcó, P.
Improved detection limit for ammonium/ammonia achieved by Berthelot's reaction by use of solid-phase extraction coupled to diffuse reflectance spectroscopy 327
- Morales, F.J.
—
Assessing the non-specific hydroxyl radical scavenging properties of melanoidins in a Fenton-type reaction system 171
- Mortier, L., see Huet, A.-C. 157
- Muñoz, M., see Macanás, J. 101
- Nohta, H., see Yoshida, H. 177
- Nolan, K., see Mahony, J.O. 31
- Nutiu, R., see Achenbach, J.C. 41
- Onstad, G.D.
— and Weinberg, H.S.
Evaluation of the stability and analysis of halogenated furanones in disinfected drinking waters 281
- Orsi, C., see Boutilier, K. 11
- Othman, A.M., see El-Shahawi, M.S. 319
- Persad, A., see Wang, E. 301
- Piunno, P.A.E.
—, Watterson, J.H., Kotoris, C.C. and Krull, U.J.
Alteration of the selectivity of hybridization of immobilized oligonucleotide probes by co-immobilization with charged oligomers of ethylene glycol 53
- Podtelejnikov, A.V., see Boutilier, K. 11
- Prazen, B.J., see Staggemeier, B.A. 79
- Prosser, R.S., see Evanics, F. 21
- Qiu, J., see Liang, R. 223

- Ramezani, M., see Shemirani, F. 163
ReVello, R.C., see Burkhardt, M.R. 89
Rožmarić Mačefat, M., see Grahek, Š. 271
Ross, M., see Boutilier, K. 11
Rudnitskaya, A., see Legin, A. 129
- Sadik, O., see Tatini, R. 193
Salimi, A.
—, Hallaj, R. and Amini, M.K.
Electrocatalytic properties of [Ru(bpy)(tpy)Cl]PF₆ at carbon ceramic electrode modified with nafion sol-gel composite: application to amperometric detection of L-cysteine 335
Seleznev, B., see Legin, A. 129
Shahwan, T., see Yersel, M. 293
Shan, G., see Mak, S.K. 109
Sharma, R.K.
— and Goel, A.
Development of a Cr(III)-specific potentiometric sensor using Aurin tricarboxylic acid modified silica 137
Shemirani, F.
—, Baghdadi, M., Ramezani, M. and Jamali, M.R.
Determination of ultra trace amounts of bismuth in biological and water samples by electrothermal atomic absorption spectrometry (ET-AAS) after cloud point extraction 163
Shen, Y., see Bi, L. 343
Shotyk, W., see García, J.B. 255
Simonian, A.L.
—, Good, T.A., Wang, S.-S. and Wild, J.R.
Nanoparticle-based optical biosensors for the direct detection of organophosphate chemical warfare agents and pesticides 69
Skarping, G., see Karlsson, D. 263
Smith, S.G., see Burkhardt, M.R. 89
Smyth, M.R., see Mahony, J.O. 31
Sonoda, J., see Yoshida, H. 177
Staggemeier, B.A.
—, Collier, T.O., Prazen, B.J. and Synovec, R.E.
Effect of solution viscosity on dynamic surface tension detection 79
Stoutamire, D.W., see Mak, S.K. 109
Synovec, R.E., see Staggemeier, B.A. 79
- Tatini, R.
—, Sadik, O., Bernhard, S. and Abruña, H.
Direct resolution of chiral 'pineno' fused terpyridyl ligands on amylose based chiral stationary phase using long chain alcohol modifiers 193
Taylor, P., see Boutilier, K. 11
Taylor, R., see Boutilier, K. 11
Torto, N., see Mogopodi, D. 239
Tréguer, P., see Corvaisier, R. 149
Tsai, Y.-C., see Lee, J.-A. 185
Usobiaga, A., see Cortazar, E. 247
Üzer, A.
—, Erçağ, E. and Apak, R.
Selective spectrophotometric determination of TNT in soil and water with dicyclohexylamine extraction 307
- Vlasov, Y., see Legin, A. 129
- Wang, C.-C., see Lee, J.-A. 185
Wang, E., see Bi, L. 343
Wang, E.
—, Chow, K.-F., Wang, W., Wong, C., Yee, C., Persad, A., Mann, J. and Bocarsly, A.
Optical sensing of HCl with phenol red doped sol-gels 301
Wang, S.-P.
— and Huang, T.-H.
Separation and determination of aminophenols and phenylenediamines by liquid chromatography and micellar electrokinetic capillary chromatography 207
Wang, S.-S., see Simonian, A.L. 69
Wang, W., see Wang, E. 301
Wang, Y.p., see Yan, Z.y. 199
Watanabe, T., see Mak, S.K. 109
Watterson, J.H., see Piunno, P.A.E. 53
Weinberg, H.S., see Onstad, G.D. 281
Wild, J.R., see Simonian, A.L. 69
Wong, C., see Wang, E. 301
- Xiao, P., see Guo, H. 143
Xu, H.-B., see Chang, X.-L. 215
- Yamaguchi, M., see Yoshida, H. 177
Yan, Z.y.
—, Jiao, C.j., Wang, Y.p., Li, F.m., Liang, Y.m. and Li, Z.x.
A method for the simultaneous determination of β -ODAP, α -ODAP, homoarginine and polyamines in *Lathyrus sativus* by liquid chromatography using a new extraction procedure 199
Yang, X.-L., see Chang, X.-L. 215
Yee, C., see Wang, E. 301
Yersel, M.
—, Erdem, A., Eroğlu, A.E. and Shahwan, T.
Separation of trace antimony and arsenic prior to hydride generation atomic absorption spectrometric determination 293
- Yoshida, H.
—, Araki, J., Sonoda, J., Nohta, H., Ishida, J., Hirose, S. and Yamaguchi, M.
Screening method for organic aciduria by spectrofluorometric measurement of total dicarboxylic acids in human urine based on intramolecular excimer-forming fluorescence derivatization 177
- Zaugg, S.D., see Burkhardt, M.R. 89
Zhao, X.-Z., see Chang, X.-L. 215
Zuloaga, O., see Cortazar, E. 247
Zyada, M.A., see El-Shahawi, M.S. 319